



PATIENT

Murray Blanda

SPECIES

Canine

BREED

Pomeranian Mix

SEX

Neutered Male

AGE

7 Years

WEIGHT

18.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Animal Paradise
Hospital

REFERRING VET

Dr. Hellworth

INVOICE

16913

DATE

8/19/22

PRESENTING CLINICAL SIGNS

History: Patient is not eating for the past month. Blood work is WNL. Meds not working.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed coalescing calculi, a grouping of which measured 2.9 cm. The residual prostate was uniform, measuring 1.03 cm.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.02 cm. The left kidney measured 3.89 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.42 cm x 0.54 cm at the caudal pole and 0.68 cm at the cranial pole. The left adrenal gland measured 1.43 cm x 0.38 cm at the caudal pole and 0.55 cm at the cranial pole.

Spleen

A 4.5 cm mixed hypoechoic mass was noted, deriving from the caudal pole of the **spleen**. Other nodular changes were noted in the spleen.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. A gallbladder polyp was noted, measuring 1.0 cm, not pathological.

Gastrointestinal

The **stomach** itself was unremarkable. Fluid filled colon was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

Free Abdomen

Multifocal, hypoechoic, rounded, irregular **lymph nodes** were noted throughout the mid abdomen, a grouping of which measured approximately 3.0 cm. The hepatic lymph nodes were also enlarged.

Other



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A large **thoracic mass** (approximately 6.0 cm) was present as well, similar echotexture to that of the abdominal pathology. The mass impinged upon the heart.

SPECIES

Canine

- Splenic mass
- Large thoracic mass
- Mesenteric lymphadenopathy
- Hepatic lymph nodes were enlarged
- Concurrent urinary bladder calculi
- Fluid filled colon

BREED

Pomeranian Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

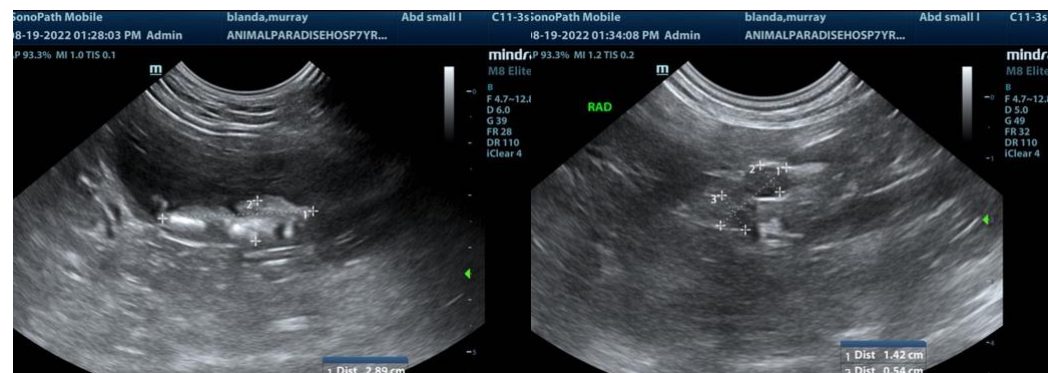
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Multifocal round cell neoplasia is suspected or hemangiosarcoma (less likely). FNA of the lymph nodes and splenic mass and screening FNA of the liver is recommended. Immediate chemotherapeutic intervention is necessary.

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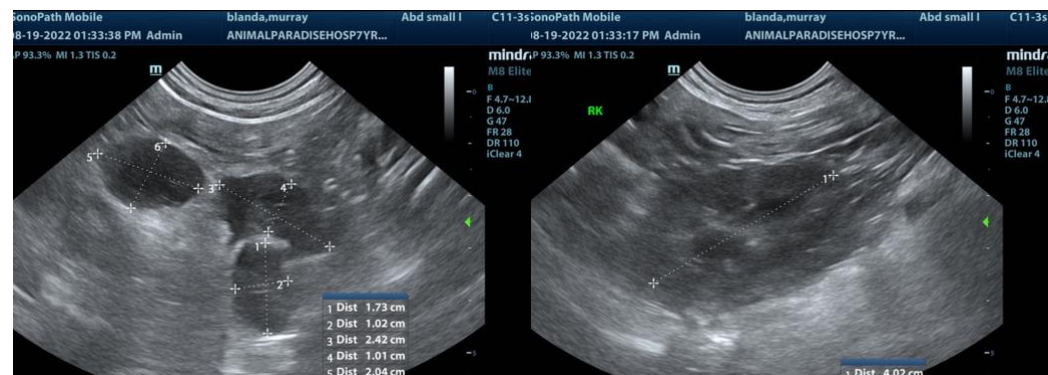


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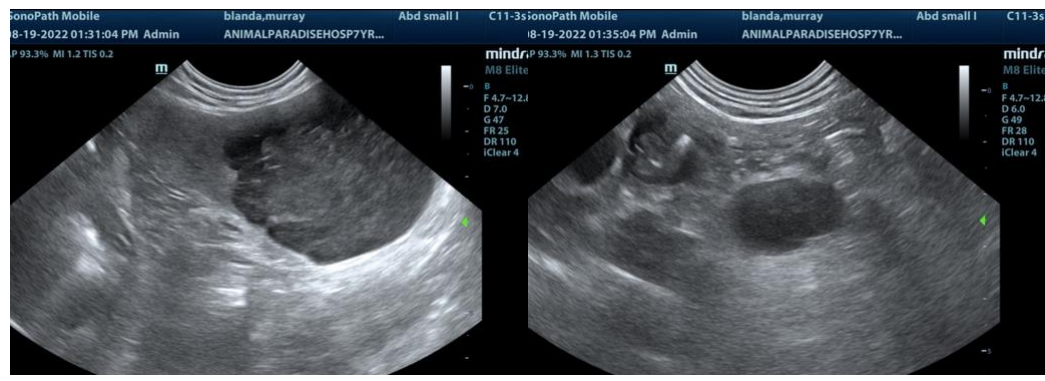
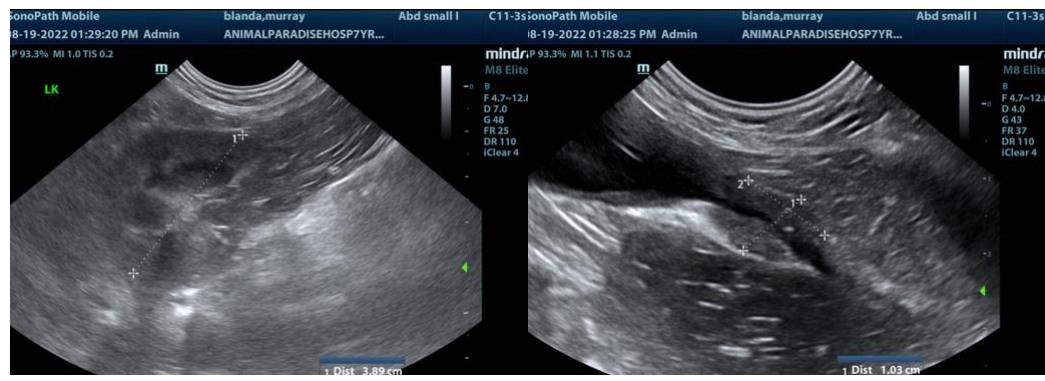
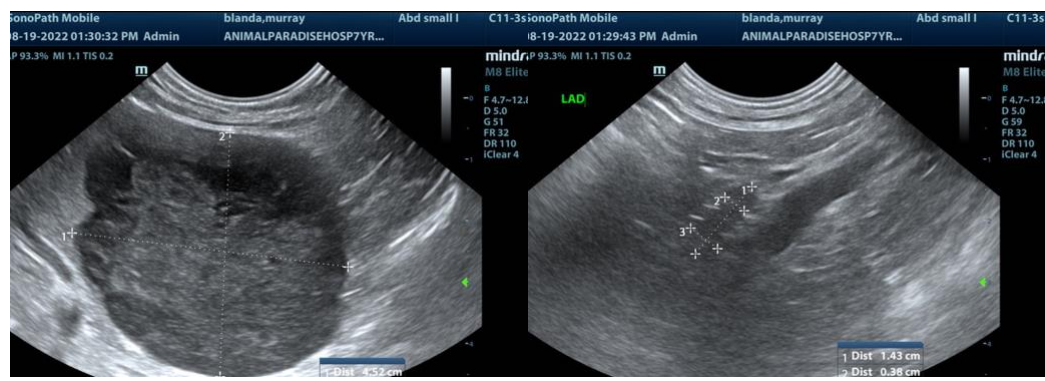
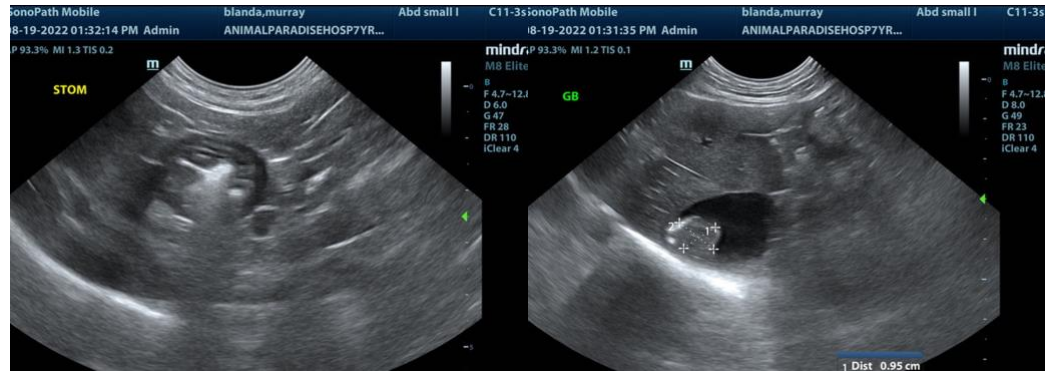
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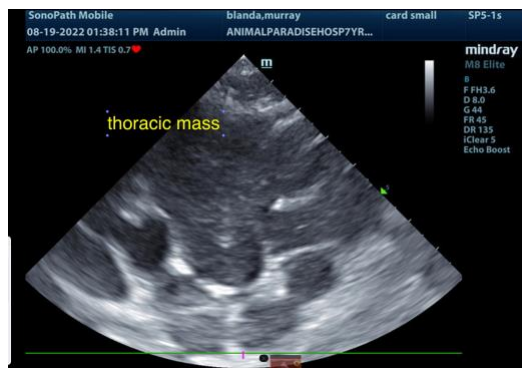
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com